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PTO/SB/21 (09-04)

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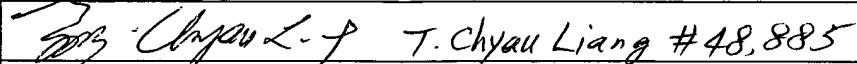
(to be used for all correspondence after initial filing)

		Application Number	10/647,448-Conf. #1648
		Filing Date	August 25, 2003
		First Named Inventor	Hiroyuki Kumakura
		Art Unit	1734
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission		Attorney Docket Number	03310/033001

ENCLOSURES (Check all that apply)

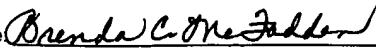
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

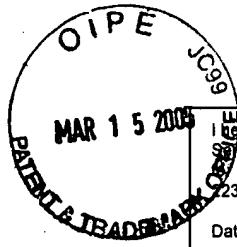
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	OSHA & MAY L.L.P.		
Signature	 T. Chyan Liang #48,885		
Printed name	for Jonathan P. Osha		
Date	March 15, 2005	Reg. No.	33,986

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Signature

Brenda C. McFadden
(Brenda C. McFadden)

Docket No.: 03310/033001
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hiroyuki Kumakura

Application No.: 10/647,448

Confirmation No.: 1648

Filed: August 25, 2003

Art Unit: 1734

For: MANUFACTURING METHOD FOR
ELECTRIC DEVICE

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A summary/abstract translation of the non-English language references is enclosed.

A copy of each reference on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

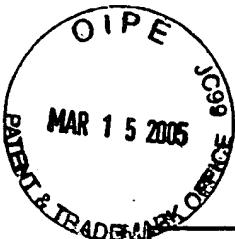
It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0591, under Order No. 03310/033001. A duplicate copy of this paper is enclosed.

Dated: March 15, 2005

Respectfully submitted,

By T. Chyan Liang # 48,885
for Jonathan P. Osha
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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/647,448-Conf. #1648
				Filing Date	August 25, 2003
				First Named Inventor	Hiroyuki Kumakura
				Art Unit	1734
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	03310/033001

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
BA		JP-2-226738	09/10/1990	Toshiba Corp.	
BB		JP-4-302444	10/26/1992	Toshiba Corp.	
BC		JP-10-56259	02/25/1998	Matsushita Electric Ind. Co. Ltd.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
CA		Notification of Reason(s) for Refusal dated 12/17/2004 (2 pages) (Japanese version)			
CB		English Translation of Notification of Reason(s) for Refusal dated 12/17/2004 (2 pages)			
CC		Patent Abstracts of Japan; Publication No. 02-226738 dated 09/10/1990 (1 page)			
CD		Patent Abstracts of Japan; Publication No. 04-302444 dated 10/26/1992 (1 page)			
CE		Patent Abstracts of Japan; Publication No. 10-056259 dated 02/24/1998 (1 page)			

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Examiner Signature		Date Considered	
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93140



Application No. (if known): 10/647,448

Attorney Docket No.: 03310/033001

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IDS (Citation) by Applicant (8 References) (23 page2)
Information Disclosure Statement (2 pages)
Transmittal (1 page)